(1) Publication number:

0 141 783

A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 84810516.9

(22) Date of filing: 25.10.84

(51) Int. Cl.4: A 61 K 39/395 C 12 N 5/00

30 Priority: 07.11.83 US 549505 07.11.83 US 549506

43 Date of publication of application: 15.05.85 Bulletin 85/20

88) Date of deferred publication of search report: 03.07.85

Designated Contracting States:
 AT BE CH DE FR GB IT LI LU NL SE

7) Applicant: THE WISTAR INSTITUTE Thirty-Sixth Street at Spruce Philadelphia, PA 19104(US)

(72) Inventor: DeFreitas, Elaine 731 Newtown Road Villanova Pennsylvania 19085(US) (72) Inventor: Herlyn, Dorothee 1223 Knox Road Wynnewood Pennsylvania 19096(US)

(72) Inventor: Koprowski, Hilary 334 Fairhill Road Wynnewood Pennsylvania 19096(US)

122 Inventor: Reagan, Kevin
21 South Cliff Drive
Wycliffe Delaware 19809(US)

2 Inventor: Wiktor, Tadeusz
9 Downs Circle
Wynnewood Pennsylvania 19096(US)

(4) Representative: Norris, Allen Edwin et al, SANDOZ AG Patentabteilung CH-4002 Basel(CH)

[64] Immune response to tumours and viruses induced by anti-idiotype antibodies.

67) Anti-idiotype antibodies, their production and their use in inducing immunological response to tumor and viruses.

European Patent

EUROPEAN SEARCH REPORT

EP 84 81 0516

DOCUMENTS CONSIDERED TO BE RELEVANT					OLARGICIOATION OF THE
ategory		indication, where appropriate int passages	·	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI 4)
E	EP-A-0 110 706 (BAYLOR COLLEGE OF MEDICINE)			1-3,8	A 61 K 39/395 C 12 N 5/00
	* Page 4, line 5; page 29, 1 line 4 *	11 - page 7, 1 ine 22 - page			
		Aller Cont 1985			
X,P	THE JOURNAL OF IMMUNOLOGY, Vol.133 No. 1, July 1984, pages 495-501 (US)			1-8	
	K. THIELEMANS et al.: "Strategies for production of monoclonal anti-idiotype antibodies against human B cell lymphomas".				
	* Whole article	: 失			•
		during street			
X,P	PROC. NATL. ACAD. SCI. USA Vol. 81, pages 2864-2867, May 1984, (US). Immunology,		1-8	TECHNICAL FIELDS SEARCHED (Int. CI.4)	
	G.T. NEPOM et al.: "Induction of immunity to a human tumor marker by in vivo administration of anti-idiotypic antibodies in mice".				A 61 K
į	* Whole article	. 发			
. }					
X,P	PROC. NATL. ACA Vol.81, pages 2 1984, (US). Immur H. KOPROWSKI et idiotype antibo patients: Is the immune response patient?".	nti- of the	1-8		
	* Whole article	* *	-/-	ı	
_	The present search report has b	een drawn up for all claims		:	
Place of search Date of completion of the s THE HAGUE 19-02-1985			Examiner REMPP		
Y: pa do A: ted	CATEGORY OF CITED DOCU reticularly relevant if taken alone reticularly relevant if combined was secument of the same category chnological background in-written disclosure	E: 6 gith another D: 6 L: 6	arlier paten ifter the filin locument ci locument ci	it document, ig date ited in the ap ited for other	





EUROPEAN SEARCH REPORT

01,41,7,83

EP 84 81 0516

Category		h indication, where appropriate, ant passages	Refevant to claim	CLASSIFICATION OF THE APPLICATION (int. Cl.4)
х	1982, page 345, A. NISONOFF et of the presence image of the an idiotypic antib	oodies:Possible vaccine production immunopathol. 1981.		
x	1982, page 3306 J. GHEUENS et a biological acti monoclonal anti hemagglutinin o & Infect. Immun 1981.	bodies against the of measles virus". 34(1): 200-207.		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
	* Whole abstrac	·		
Y	No.6, December 2362 (US) G. HAUGHTON et	B cell lymphomas".	. 1-8	
		/-		
	The present search report has b	een drawn up for all claims		
Place of search THE HAGUE		Date of completion of the search 19-02-1985	R	Examiner EMPP
Y: par	CATEGORY OF CITED DOCL ticularly relevant if taken alone ticularly relevant if combined w cument of the same category hnological background n-written disclosure	E : earlier pat after the fi ith another D : document L : document	ent document, I ling date cited in the app cited for other	ying the invention but published on, or olication reasons of family, corresponding



EUROPEAN SEARCH REPORT

01,41,7,83

EP 84 81 0516

	DOCUMENTS CONS				
Category		h indication, where appropriate, ant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y,D	constructed wit	6651-6655,	as	8	
	* Whole article	e *	ļ		
Y,D	pages $627-629$, J.W. FORSTROM ϵ	3, June 16, 1983, et al.: "Immunization sarcoma by a monoci-idiotypic	on	8	
	* Whole article	*			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
	-				
	•				
	The present search report has be		Examiner		
	Place of search Date of completion THE HAGUE 19-02-198		•	REMPP	
Y: pa do A: te O: no	CATEGORY OF CITED DOCU inticularly relevant if taken alone inticularly relevant if combined wo cument of the same category chnological background in-written disclosure termediate document	JMENTS T: theory of E: earlier parter the price of the course of the cou	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons 8: member of the same patent family, corresponding document		

